PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference F04-09676923	FOR FURTHER ACTION	See item 4 below
International application No. PCT/JP2005/000371	International filing date (day/month/year) 14 January 2005 (14.01.2005)	Priority date (day/month/year) 26 January 2004 (26.01.2004)
International Patent Classification (8th See relevant information in Form F	n edition unless older edition indicated) PCT/ISA/237	
Applicant KONICA MINOLTA HOLDINGS, IN	NC.	

1.	This international preliminary re International Searching Authority		I) is issued by the International Bureau on behalf of the
2.	This REPORT consists of a total	of 5 sheets, including this cov	er sheet.
	In the attached sheets, any refere to the international preliminary r	ence to the written opinion of the eport on patentability (Chapter	he International Searching Authority should be read as a reference r I) instead.
3.	This report contains indications	relating to the following items	:
	Box No. I	Basis of the report	
	Box No. II	Priority	
	Box No. III	Non-establishment of opini applicability	on with regard to novelty, inventive step and industrial
	Box No. IV	Lack of unity of invention	
	Box No. V		Article 35(2) with regard to novelty, inventive step or industrial explanations supporting such statement
	Box No. VI	Certain documents cited	
	Box No. VII	Certain defects in the intern	national application
	Box No. VIII	Certain observations on the	international application
4.	The International Bureau will conot, except where the applicant date (Rule 44bis .2).	ommunicate this report to designakes an express request unde	gnated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but or Article 23(2), before the expiration of 30 months from the priority
			Date of issuance of this report 22 August 2006 (22.08.2006)
The International Bureau of WIPO			Authorized officer
	34, chemin des Col 1211 Geneva 20, Sv		Masashi Honda
Facsi	mile No. +41 22 338 82 70		e-mail: pt08@wipo.int

Form PCT/IB/373 (January 2004)

PATENT COOPERATION TREATY

TRANSLATION From the INTERNATIONAL SEARCHING AUTHORITY To: WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1) Date of mailing (day/month/year) Applicant's or agent's file reference FOR FURTHER ACTION F04-09676923 See paragraph 2 below International application No. International filing date (day/month/year) Priority date (day/month/year) 26.01.2004 PCT/JP2005/000371 14.01.2005 International Patent Classification (IPC) or both national classification and IPC Applicant KONICA MINOLTA HOLDINGS, INC. This opinion contains indications relating to the following items: Box No. I Basis of the opinion Box No. II Priority Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Box No. III Box No. IV Lack of unity of invention Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial Box No. V applicability; citations and explanations supporting such statement Box No. VI Certain documents cited Box No. VII Certain defects in the international application Box No. VIII Certain observations on the international application **FURTHER ACTION** If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered. If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later. For further options, see Form PCT/ISA/220. For further details, see notes to Form PCT/ISA/220. Authorized officer Name and mailing address of the ISA/JP

Telephone No.

Facsimile No.

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/JP2005/000371

Bo	x No. I Basis of this opinion
1.	With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
	This opinion has been established on the basis of a translation from the original language into the following language, which is the language of a translation furnished for the purposes of international search (under
	Rule 12.3 and 23.1(b)).
2.	With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
	a. type of material
	a sequence listing
	table(s) related to the sequence listing
	b. format of material
	in written format
	in computer readable form
	c. time of filing/furnishing
	contained in the international application as filed.
	filed together with the international application in computer readable form.
	furnished subsequently to this Authority for the purposes of search.
3.	In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application a filed or does not go beyond the application as filed, as appropriate, were furnished.
4.	Additional comments:
1	

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/JP2005/000371

Box				ile 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; porting such statement	_
1.	Statement				
	Novelty (1	D)		2, 6-8	YES
			Claims	1, 3-5, 9-13	NO
	Inventive	step (IS)	Claims	2	YES
			Claims	1, 3-13	NO
	Industrial	applicability (IA)	Claims	1-13	YES
			Claims		NO

2. Citations and explanations:

Document 1: JP, 9-77854, A (President of Tokyo Institute of Technology), 25 March, 1997 (25.03.97), claims

The subject matters of claims 1, 3-5 and 9-13 do not appear to be novel in view of document 1 cited in the ISR. The compounds described in claims 1, 3-5 and 9-13 are disclosed in document 1 (claims); and it is also disclosed therein that the said compounds are useful as materials for semiconductor devices.

The subject matters of claims 6-8 do not appear to involve an inventive step in view of document 1 cited in the ISR. Document 1 does not describe any specific forms of semiconductor device; however, in view of the phase "materials for semiconductor devices", such specific forms are merely a matter of application that a person skilled in the art could have made as required.

The subject matter of claim 2 appears to be novel and involve an inventive step over the documents cited in the ISR. Document 1 does not describe any compound having a partial structure represented by the general formula (11); and a person skilled in the art could not easily have conceived such compound.

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/JP2005/000371

Application No. Publication date Filing date Priority date (valid clai Patent No. (day/month/year) (day/month/year) (day/month/year)	Cc	rtain published documents (Rule 43bis.1 and 70).10)		
Non-written disclosures (Rule 43bis.1 and 70.9) Date of written disclosure Kind of non-written disclosure Date of non-written disclosure	-	Application No.	Publication date	Filing date (day/month/year)	Priority date (valid clain (day/month/year)
Date of written disclosure Note of non-written disclosure Date of non-written disclosure Date of non-written disclosure Date of non-written disclosure		JP 2004-282039 A [E, X]	07.10.2004	06.02.2004	25.02.2003
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Kind of non-written disclosure Date of non-written disclosure referring to non-written disclosure	No	on-written disclosures (Rule 43bis.1 and 70.9)			
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			(day/month/yea	nr)	(day/month/year)